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Subject: Abstract for 1997 ICAST Meeting
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Abstract for
1998 ICAST Meeting in Wakayama Japan

Overview of Adaptive Structures for
Space Application

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The paper will present an overview of the future challenges for space structures and the role of Adaptive Structures to meet the challenges. The application of Adaptive Structures to meet the challenges will be described by operational space systems, flight experiments, ground experiments, laboratory experiments, conceptual studies and ideas.

The objective of the presentation is to illustrate that by using basic concepts of strain or strain energy control, Adaptive Structures is applicable of meeting many of the future challenges of space structures .